4380 Halifax Street
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Arash Outadi

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Experience

| Engineering Co-op Student | Andritz Ltd. | Aug 2016 - Dec 2016 |

- Created Excel utilities with VBA that massively stream-lined SAP processes, saving Project Managers 10 hours every week
- Developed Python GUI database app with SQLite to reduce time searching for SAP materials by 50%

| Data Analyst Intern | Canadian Logistics | Dec 2015 - May 2016 |

- Replaced manual processes with Python to efficiently consolidate all data saving 2 hours per day
- Improved hiring practices by analyzing compiled data to demonstrate the low retention rates asso-ciated with hiring through labor agencies
- Utilized Excel pivot tables to summarize, categorize, and present data allowing the owner to make informed decisions about company operations

Education

Vancouver, BC
University of British Columbia
Sep 2013 - May 2018

B.A.Sc in Mechanical Engineering GPA: 3.6/4.33

Projects

- **Strength Journal** (https://play.google.com/store/apps/details?id=site.arashout.workoutnotebook) An Android workout tracker that let's you jump straight into recording your exercises *Kotlin, Java, XML,*
- **Element Eraser** (https://play.google.com/store/apps/details?id=site.arashout.workoutnotebook) An Android workout tracker that let's you jump straight into recording your exercises *JavaScript, Chrome API, HTML, CSS,*
- **Blob Combat Simulation** (https://github.com/arashout/BlobCombatSimulator) Developed a simulation where 'blobs' evolve to fight using neural networks and different genetic selection algorithms *C++, SFML, QtCreator, Eigen (Linear Algrebra Library),*
- **Water Jet Propelled Vehicle** (http://arashout.site/euro.html) Built a water-jet propelled RC car that came 1st place out of 20 teams in competition, scoring major points for a time marching simulation that predicted vehicle kinematics to within 12% accuracy *C, MATLAB, SolidWorks, 3D Printing,*
- **Improved UBC Transcript** (https://github.com/arashout/ImprovedUBCTranscript) A JavaScript bookmarklet that users can easily click to enhance the unofficial UBC Transcript by removing clutter and adding course information to grades. Retrieves information from web app with REST API *Python, Flask, JavaScript,*